AMENDMENTS IN THE CLAIMS:

1. (Original) A data processor that is loadable with a first type of storage medium and a second type of storage medium and that records a data stream on a storage medium loaded,

a data stream representing video of standard resolution being recordable in a first format on the first type of storage medium, a data stream representing video of either the standard resolution or a resolution higher than the standard resolution being recordable in a second format on the second type of storage medium,

the data processor comprising:

a drive, which is loaded with a storage medium, for recognizing the type of the storage medium loaded;

a processing section for receiving a data stream in the second format, for extracting a video data stream from the data stream, and for detecting a resolution of the video;

a switch for sending a data stream, resulting from the data stream in the second format, along a first path if the first type of storage medium is loaded and if the video is of the higher resolution, and for sending the data stream in the second format along a second path if the second type of storage medium is loaded and if the video is of the standard resolution;

a converting section for converting the resolution of the video of the data stream, received by way of the first path, into the standard resolution; and

an encoder for generating a data stream in the first format from the data stream of which the resolution has been converted into the standard resolution,

wherein the drive writes the data stream supplied from the encoder and the data stream received by way of the second path on the storage medium loaded.

2. (Original) The data processor of claim 1, further comprising an analog signal processing section for receiving an analog signal representing video and for generating a data stream representing video of the standard resolution,

wherein the encoder generates a data stream in the first format from the data stream that has been generated by the analog signal processing section.

3. (Currently Amended) The data processor of claim 1 ~~or 2~~, further comprising a control section for receiving in advance, and managing, time information about recording start and end times,

wherein the control section instructs the processing section to start and stop receiving the data stream in the second format in accordance with the time information.

4. (Currently Amended) The data processor of ~~one of claims 1 to 3~~<u>claim1</u>, wherein the converting section adds resolution information about original resolution before the conversion to the data stream that has been converted into the video of the standard resolution, and

wherein the encoder generates the data stream in the first format including the resolution information.

5. (Original) The data processor of claim 1, wherein if the second type of storage

medium is loaded and if the video has the higher resolution, the switch sends the data stream in the second format along the second path.

6. (Original) The data processor of claim 1, wherein if the second type of storage medium is loaded and if the video has the higher resolution, the switch sends a data stream, resulting from the data stream in the second format, along the first path, and

wherein the encoder generates the data stream in the second format from the data stream, of which the resolution has been converted into the standard resolution by the converting section.